

TECHNICAL DATA SHEET

RHEOLATE CVS®-16

Efficient Low to Mid Shear Thickener (NiSAT), minimizes viscosity drop in tinted coatings, ensuring consistent application properties.

GENERAL INFORMATION

RHEOLATE CVS®- 16 is a 15 % active solids, Noninonic Synthetic Associative Thickener for aqueous applications. It is a next generation color viscosity stabilizer designed to be added to architectural water borne paint, improving the drop on KU viscosity post tinting of the paint with no negative impact on leveling for low and zero VOC paints. Excellent efficiency and color compatibility with most latex resins systems and different paint formulations.

RHEOLATE CVS®- 16 provides paint formulations viscosity retention upon point-of-sale or in-plant color tinting in combination with excellent color properties such as improved color float resistance and greater color rub up performance. The product has superior sag and leveling properties which provide excellent application properties when applied with brush or roller, or when spray applied.

RHEOLATE CVS®- 16 is APEO, VOC, and tin-free. It is designed for to perform with all binder system in all PVC latitude formulations. The product is a pourable and pumpable liquid

CHEMICAL & PHYSICAL PROPERTIES

Composition	Polyurethane solution in water
Appearance	Opaque liquid
Active Content	15 %
Specific Gravity	1.05
Viscosity, cPs	< 3000
pH	~ 5.5

These are typical properties not to be used for specification purposes

APPLICATIONS

- Decorative coatings
- Interior and Exterior Wall Paints
- Tintometric water base formulations
- Ultra-low VOC paints

KEY PROPERTIES

- Reduced KU viscosity loss upon tinting
- Excellent balance of sag and levelling
- Compatible in all resin systems
- Excellent color properties with better color development
- Medium contribution to high-shear (ICI) viscosity upon tinting
- Zero VOC
- Ease of use
- Good storage stability

RHEOLATE CVS[®]-16

INCORPORATION

RHEOLATE CVS[®]- 16 can be used as supplied or, if necessary, further diluted with water. Addition can take place at any time during the manufacturing process but incorporation into the grind base before letdown is recommended. RHEOLATE CVS[®]- 16 can be combined with associative rheological additives, clay based thickeners or cellulosic thickeners for higher package viscosity.

LEVELS OF USE

Typical use levels of RHEOLATE CVS[®]- 16 are 0.5 % to 3% as form of delivery on total system

COMPATIBILITY

RHEOLATE CVS[®]- 16 exhibits excellent compatibility with associative rheological additives, NiSAT, clay-based thickeners, or cellulosic thickeners for desired rheology. Compatible with most water-based resin systems.

HEALTH & SAFETY

Before using this product, please consult Safety Data Sheet (SDS) for information on safe handling and storage. The SDS can be found on the company website.

SHELF LIFE

RHEOLATE CVS[®]- 16 has a shelf life of 24 months from date of manufacture.

STORAGE RECOMMENDATIONS

RHEOLATE CVS[®]- 16 should be kept above 4°C (40°F). In the event of accidental freezing, thaw gently, spread a portion between glass slides and examine for granules. If found, do not use.

Store in a cool dry place.

QUALITY ASSURANCE

Quality system at the site manufacturing this product complies with and is certified to ISO 9001 quality standards.

SUSTAINABILITY

RHEOLATE CVS[®]- 16 is a waterborne material, it is an environmentally friendly, APEO-free, VOC-free, and Tin-free product.

NOTE: The information herein is currently believed to be accurate. We do not guarantee its accuracy. Purchasers shall not rely on statements herein when purchasing any

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